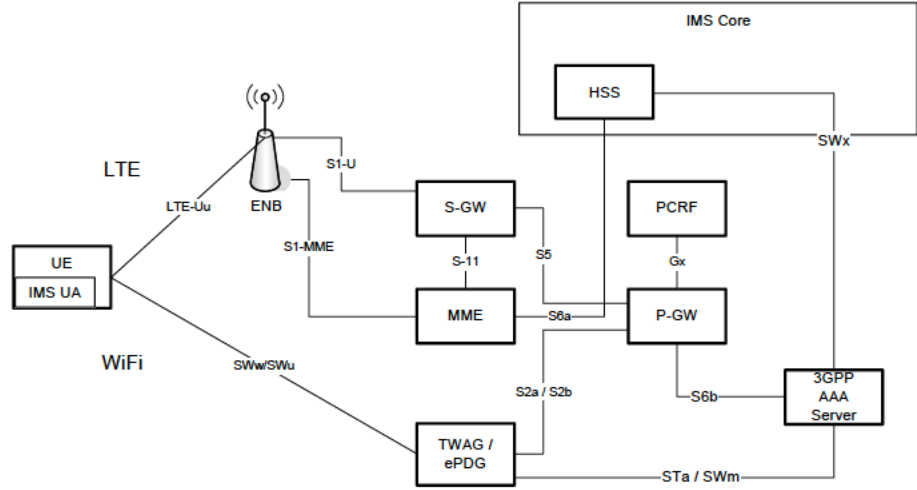


# **EXHIBIT 13**

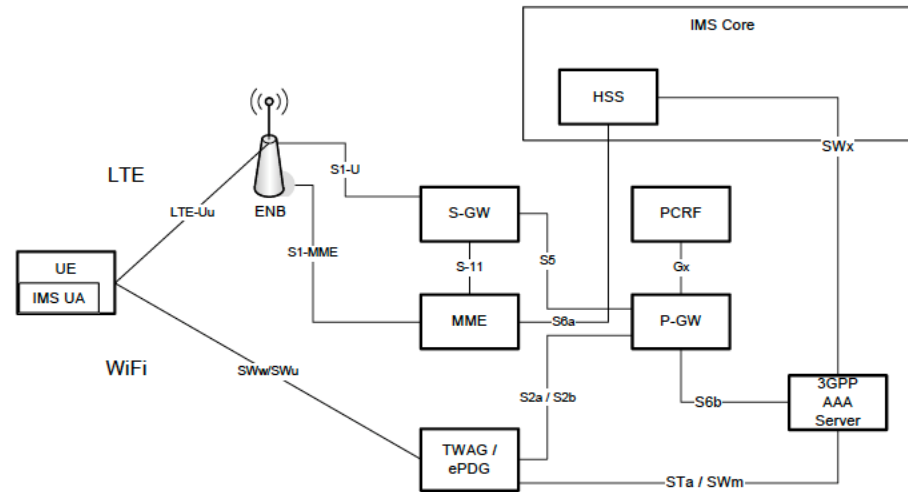
**U.S. Patent No. 7,130,625**

Claim 16	Identification: T-Mobile Cellular with WiFi Calling
<p>16[pre] A universal wireless access gateway comprising:</p>	<p>The T-Mobile system includes a universal wireless access gateway.</p>  <p><b>Figure 44: HO Architecture Wi-Fi &lt;-&gt; LTE</b></p> <p><u>Source:</u> VoWiFi Service Description, Version 1.0, 03 March 2015 - GSM Association, Official Document V2020.02 - VoWiFi Service Description.</p> <div data-bbox="846 1125 1806 1214" style="background-color: #ff00ff; color: white; padding: 5px; text-align: center;"> <b>Wi-Fi Calling from T-Mobile</b> </div> <p><small>Wi-Fi Calling lets you call or text on Wi-Fi networks with your T-Mobile phone number, extending your coverage and keeping you connected! Be aware these details are only for T-Mobile Wi-Fi Calling. Calling and messaging from other apps (Skype, WhatsApp, Google Voice, etc.) may work over Wi-Fi or cellular data, but you must contact the app developer for help or billing.</small></p> <p><u>Source:</u> <a href="https://www.t-mobile.com/support/coverage/wi-fi-calling-from-t-mobile">https://www.t-mobile.com/support/coverage/wi-fi-calling-from-t-mobile</a></p>

16[a] a shared component;

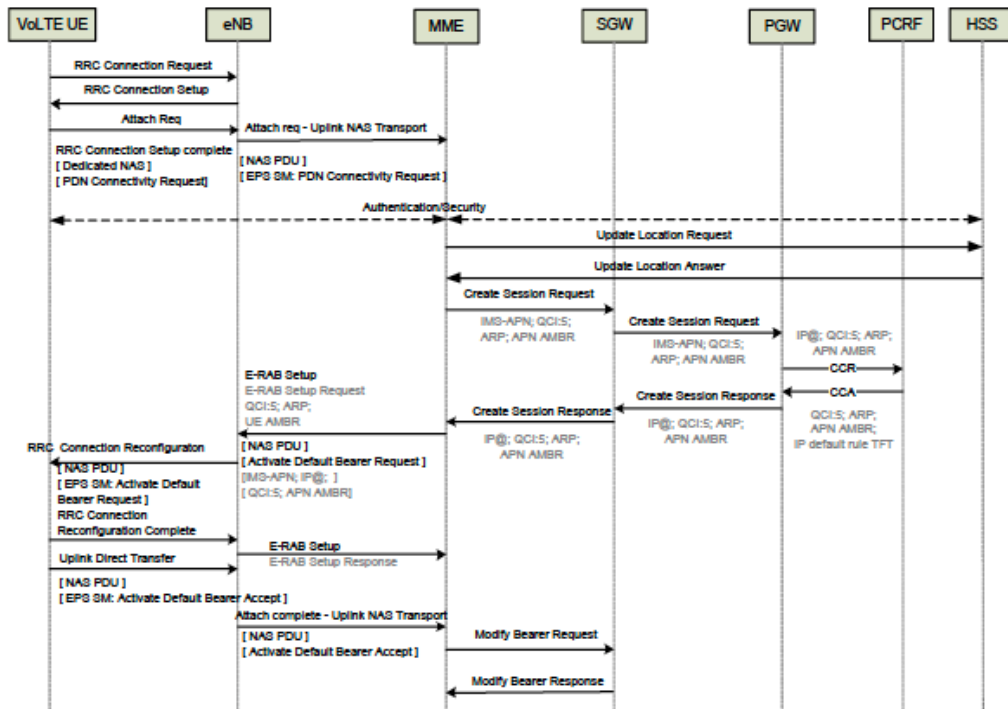
*See also* 16[a]-16[c] below.

The T-Mobile system includes a shared component, for example, at least the HSS.



**Figure 44: HO Architecture Wi-Fi <-> LTE**

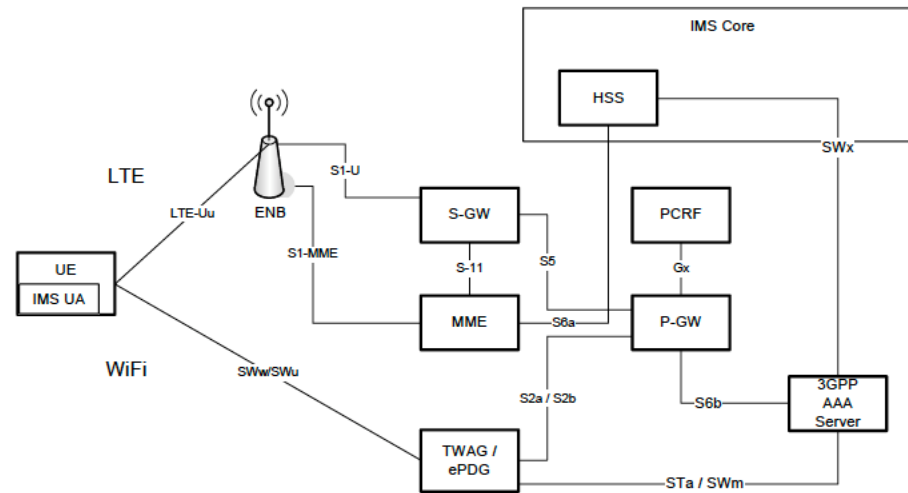
Source: VoWiFi Service Description, Version 1.0, 03 March 2015 - GSM Association, Official Document V2020.02 - VoWiFi Service Description.



Source: VoLTE Service Description and Implementation Guidelines Version 2.0 07 October 2014

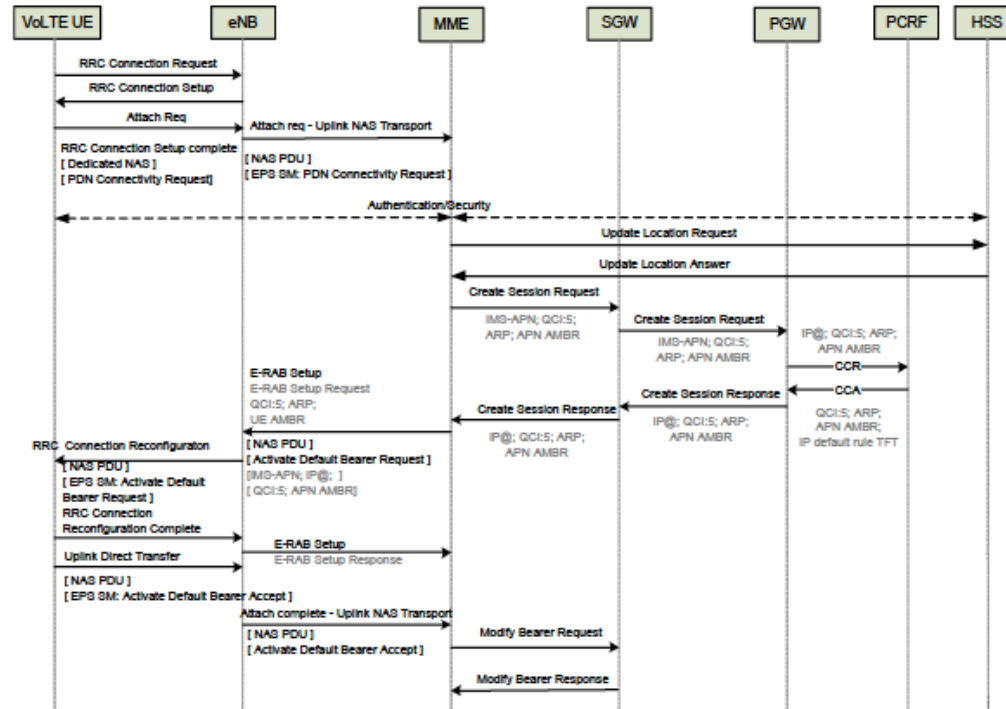
16[b] a first environment access module that communicates with the shared component to enable access to a first network using a first wireless access technology; and

The T-Mobile system includes a first environment access module, for example, at least the MME, that communicates with the shared component to enable access to a first network using a first wireless access technology (such as cellular access).



**Figure 44: HO Architecture Wi-Fi <-> LTE**

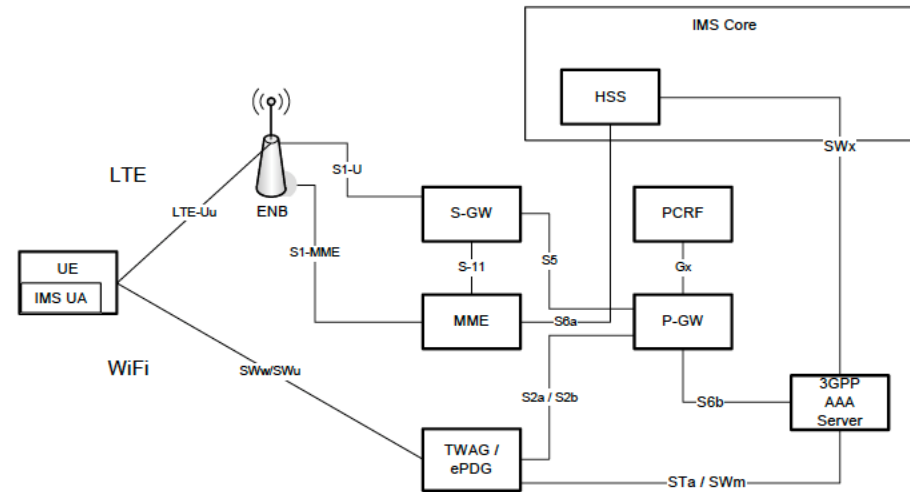
Source: VoWiFi Service Description, Version 1.0, 03 March 2015 - GSM Association, Official Document V2020.02 - VoWiFi Service Description.



Source: VoLTE Service Description and Implementation Guidelines Version 2.0 07  
October 2014

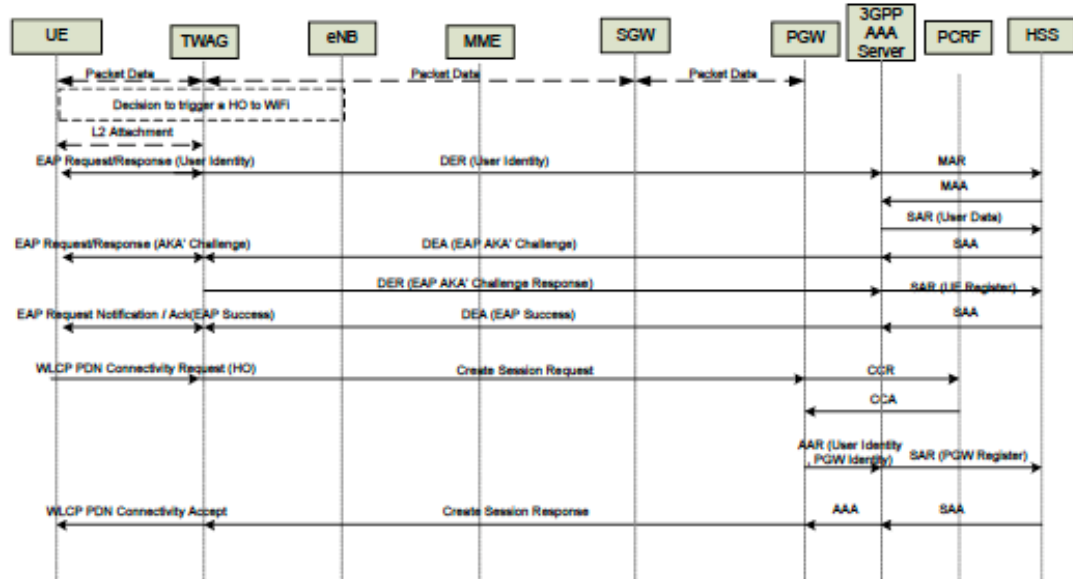
16[c] a second environment access module that communicates with the shared component to enable access to a second network using a second wireless access technology that differs from the first wireless access technology.

The T-Mobile system includes a second environment access module, for example, at least the 3GPP AAA Server, that communicates with the shared component to enable access to a second network using a second wireless access technology (such as Wi-Fi) that differs from the first wireless access technology (such as cellular).



**Figure 44: HO Architecture Wi-Fi <-> LTE**

Source: VoWiFi Service Description, Version 1.0, 03 March 2015 - GSM Association, Official Document V2020.02 - VoWiFi Service Description.



### 6.3.3 Detailed Description

The UE detects the Wi-Fi network and determines to perform a handover from LTE to Wi-Fi.

Source: VoWiFi Service Description \_Version 1.0, 03 March 2015 - GSM Association, Official Document V2020.02 - VoWiFi Service Description